

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
22	1996	Big Chico Creek	Superseded by needs of the AFRP	C	11332-6-0207	6, p.59		Riparian acquisition and restorationPeterson property acquisition and restoration	Big Chico Creek	1, p.3-Xb-71; 3, p.3-Xb-71; 5, p.3-Xb-71	1, p.58; 3, p.58; 4, p.59; 7, p.59	1, p.60; 2, p.60	3	5	40%	6	10 (8,2)	40%
23	1999	Big Chico Creek	Superseded by needs of the AFRP	C	11332-9-G017	1, p.107 (CV-Wide)		Watershed education Provide "Adopt-A-Watershed" training for teachers in the Chico Unified School District										
24	1999	Big Chico Creek	2, p.3-Xb-71	C	11332-9-J028	2, p.58		Fish passage Provide analyses to improve fish passage through Iron Canyon on Big Chico Creek										
25	2000	Big Chico Creek	Superseded by needs of the AFRP	C	11332-0-G014	6, p.59		Riparian acquisition and restorationPre-Acquisition of the Singh property on Big Chico Creek										
26	2004	Big Chico Creek	Superseded by needs of the AFRP	O	11332-4-G003	8, p.60		Watershed planning-Facilitate development of proposals for Big Chico Crk Watershed Alliance										
27	2000	Big Chico Creek	Superseded by needs of the AFRP	C	11332-0-G012	6, p.59		Riparian acquisition and restorationAcquire Simmons Ranch on Big Chico Creek										
28	1996	Butte Creek	27, p.3-Xb-82	C	11332-8-G105 11332-6-O193	21, p.64		Watershed planning Continue development of Butte Creek Watershed Conservancy watershed management strategy	Butte Creek	2, p.3-Xb-79; 3, p.3-Xb-79; 4, p.3-Xb-79; 5, p.3-Xb-79; 6, p.3-Xb-79; 7, p.3-Xb-79; 9, p.3-Xb-79; 12, p.3-Xb-80; 13, p.3-Xb-80; 14, p.3-Xb-81; 19, p.3-Xb-81; 20, p.3-Xb-81; 21, p.3-Xb-81; 23, p.3-Xb-81; 24, p.3-Xb-81; 26, p.3-Xb-81	1, p.60; 2, p.61; 3, p.61; 5, p.61; 6, p.62; 7, p.62; 8, p.62; 9, p.62; 10, p.63; 11, p.63; 12, p.63; 13, p.63; 14, p.63; 15, p.63; 17, p.64; 20, p.64; 23, p.65; 24, p.65	3, p.65; 4, p.66; 7, p.66; 8, p.66; 9, p.66; 12, p.67; 13, p.67; 15, p.68	17	27	34%	26	39 (24,15)	33%
29	1997	Butte Creek	18, p.3-Xb-81	C	OFT	4, p.61		Fish passage Construct a high water volume fish ladder and screens on Durham Mutual Diversion Dam										
30	1997	Butte Creek	27, p.3-Xb-82	C	11332-7-G195	19, p.64		Riparian acquisition and restorationKeeney Property on lower Butte Creek; riparian easement acquisition and restoration project										
31	1998	Butte Creek	22, p.3-Xb-81	C	11332-8-J125	22, p.65		Fish passage Provide preliminary engineering analyses to improve fish passage for the Sanborn Slough Bifurcation on Butte Creek										
32	1998	Butte Creek	27, p.3-Xb-82	C	11332-8-G116	19, p.64		Riparian acquisition and restorationAcquire and restore the McAmis property on upper Butte Creek										
33	1998	Butte Creek	27, p.3-Xb-82	C	11332-8-J104	19, p.64		Anadromous fish monitoringContinue the Lower Butte Creek Study, Phase 1b										
34	1998	Butte Creek	27, p.3-Xb-82	C	11332-8-J103	21, p.65		Geomorphology Extend Butte Creek geomorphic study to Butte Slough										
35	1999	Butte Creek	10, p.3-Xb-80	O	11332-9-J006	16, p.64		Fish passage Replace and upgrade existing adult exclusion weir and riser at Drumheller Slough										
36	1999	Butte Creek	10, p.3-Xb-80	C	11332-9-J005		2, p.65	Fish passage Provide analyses to improve fish passage at Sutter Bypass East-West Diversion Weir										
37	1999	Butte Creek	16, p.3-Xb-80	C	11332-9-J004		11, p.67	Fish passage Provide analyses to improve fish passage at Sutter Bypass Weir 3 on Butte Creek										
38	1999	Butte Creek	15, p.3-Xb-80	C	11332-9-J007		10, p.67	Fish passage Provide analyses to improve fish passage at Sutter Bypass Weir 5 (Farmers Weir)										
39	1999	Butte Creek	27, p.3-Xb-82	C/O	11332-9-J003 11332-0-J006	22, p.65		Watershed planning Continue to assist locally led efforts to facilitate coordination of the Butte Sink/Sutter Bypass stakeholders										
40	2000	Butte Creek	11, p.3-Xb-80	C	11332-0-J003		1, p.65	Fish passage Develop recommendations for enhanced fish passage in the Butte Slough area of lower Butte Creek										
41	2000	Butte Creek	1, p.3-Xb-78	C	11332-0-J010		5, p.66	Hydrological modeling/monitoringInstall and maintain real-time flow monitors at the Sanborn Slough Bifurcation Structure										
42	2000	Butte Creek	27, p.3-Xb-82	C	11332-0-G002	19, p.64		Riparian acquisition and restorationPromote re-vegetation of recently rip-rapped areas in the vicinity of Okie Dam on Butte Creek										
43	2000	Butte Creek	25, p.3-Xb-81	O	11332-0-J004		6, p.66	Fish passage Develop a final list of pumping plants requiring screens and collect site specific information for each pumping plant for the east side of Sutter Bypass on lower ButteCreek										
44	2002	Butte Creek	25, p.3-Xb-81	O	11332-2-J002		6, p.66	Fish passage Lower Butte Creek project Sutter Bypass-Willow Slough Weir Fish Passage; Preliminary engineering investigation										
45	2003	Butte Creek	8, p.3-Xb-79	O	11332-3-J003	18, p.64		Fish passage White Mallard Dam and Associated Diversions; Phase III Construction										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
46	2004	Butte Creek	Superceded by needs of the AFRP	O	11332-4-J001		14, p.67	Anadromous fish life history/survival Big Chico and Butte Creeks restoration action for spring-run Chinook salmon and steelhead										
47	1999	Calaveras River	Superceded by needs of the AFRP	C	11332-9-G020	Superceded by needs of the AFRP	Superceded by needs of the AFRP	Anadromous fish monitoring Survey spawning habitat for Chinook salmon	Calaveras River	2, p.3-Xc-87; 4, p.3-Xc-87; 5, p.3-Xc-88	1, p.84; 2, p.84; 4, p.84	1, p.84	3	5	40%	4	6 (4,2)	33%
48	2001	Calaveras River	1, p.3-Xc-87	O	11332-1-G006		2, p.85	Anadromous fish life history/survival Lower Calaveras River Chinook Salmon and Steelhead Life History Limiting Factors Analysis										
49	2003	Calaveras River	3, p.3-Xc-87	O	11332-3-J009	3, p.84		Fish passage Retrofit temporary fish passage facilities at Bellota Weir on the Calaveras River										
50	1997	Central-Valley Wide	Superceded by needs of the AFRP	C	11330-7-H018		7, p.108	Anadromous fish monitoring Automated fish marking and tagging system, mainstem Sacramento										
51	1998	Central-Valley Wide	Superseded by needs of the AFRP	C	11332-8-J200	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Watershed planning -Support of three DFG biologists in Regions1, 2 and 4 to act as HRCs										
52	1998	Central-Valley Wide	Superceded by needs of the AFRP	C	11332-9-G032	1, p.107		Watershed education Support programs to provide educational outreach and local involvement in restoration for teachers and students in the Lodi, Modesto and Merced school districts										
53	1998	Central-Valley Wide	Superseded by needs of the AFRP	C	OFT	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Water Quality Further develop the basis for the Water Acquisition Program										
54	1999	Central-Valley Wide	Superceded by needs of the AFRP	C	11332-9-J012 11332-8-J012		4, p.108	Anadromous fish life history/survival Continue to conduct a pilot study of the use of otoliths to evaluate the role of Delta rearing in the life history of Central Valley Chinook salmon and steelhead										
55	1999	Central-Valley Wide	Superceded by needs of the AFRP	C	11332-9-J027		4, p.108	Anadromous fish life history/survival Analyze the genetics of steelhead throughout the Central Valley										
56	1999	Central Valley Wide	Superceded by needs of the AFRP	C	11332-9-J022	2, p.107		Watershed education Continue to provide funding for watershed group leaders to attend the "Working at a Watershed Level" course										
57	2000	Central-Valley Wide	Superseded by needs of the AFRP	C	11332-0-J028	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Watershed planning -Develop an adaptive management forum for large-scale channel restoration projects										
58	2000	Central-Valley Wide	Superceded by needs of the AFRP	C	11332-0-G005	1, p.107		Watershed education Provide support for Kids and Creeks: Restoration Ecology in Action for students in grades 2 through 12 in the Big Chico and Butte Creek and Feather River watersheds										
59	2000	Central-Valley Wide	Superseded by needs of the AFRP	C	11332-0-G020	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Anadromous fish monitoring Compile data for estimating hydraulic residence time in Central Valley streams										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
60	2001	Central-Valley Wide	Superceded by needs of the AFRP	C	10181-2-M382	2, p.107		Watershed education The Economic Impact of Stanislaus County of Public Land Acquisitions and Conservation Easements on Floodpain lands along the Tuolumne and lower San Joaquin rivers	Central-Valley Wide	N/A	3, p.107	1, p.108; 5, p.108; 8, p.109; 9, p.109; 10, p.109	N/A	N/A	N/A	6	15 (4,11)	60%
61	2001	Central-Valley Wide	Superceded by needs of the AFRP	O	11332-1-J008		4, p.105 (Delta)	Anadromous fish life history/survival Comparative growth of Central Valley Riverine and Delta Rearing Juvenile Chinook Salmon Based on Otolith Microstructure Patterns										
62	2001	Central-Valley Wide	Superceded by needs of the AFRP	C	11330-1-J084		4, p.108	Anadromous fish life history/survival Sacramento River: Using molecular techniques to preserve genetic integrity of endangered salmon in a supplementation program										
63	2001	Central-Valley Wide	Superceded by needs of the AFRP	O	11332-1-G005		6, p.40; 9, p.40; 10, p.41; 11, p.41 [Upper Sac]; 5, p.70 (Feather); 6, p.108	Anadromous fish life history/survival Biological Assessment of Green Sturgeon in the Sacramento-San Joaquin Watersheds										
64	2002	Central Valley Wide	Superceded by needs of the AFRP	C	10181-2-M251	2, p.107		Watershed education A basic training program that will provide stakeholders with the required information addressing issues in the San Joaquin Valley thus allowing them to make more efficient decisions										
65	2002	Central-Valley Wide	Superseded by needs of the AFRP	O	11332-2-J006	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Anadromous fish life history/survival Research of sex reversal in Central Valley Chinook salmon occurrence and population genetic consequences										
66	2002	Central-Valley Wide	Superceded by needs of the AFRP	C	11332-8-G122	2, p.107		Watershed education -Provide funding for watershed group leaders to attend the "Working at a Watershed Level" course										
67	2002	Central-Valley Wide	Superceded by needs of the AFRP	O	11332-2-H005		4, p.108	Anadromous fish life history/survival Comprehensive Assessment of Genetic Population Structure/Diversity of Central Valley salmon										
68	2003	Central-Valley Wide	Superseded by needs of the AFRP	O	11332-3-J001	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Watershed planning -Support of three DFG biologists in Regions1, 2 and 4 to act as HRCs										
69	2003	Central-Valley Wide	Superseded by needs of the AFRP	C	10181-3-V075	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Watershed planning Update the Handbook on Regulatory Compliance for the AFRP										
70	2003	Central-Valley Wide	Superceded by needs of the AFRP	O	11332-3-J002		4, p.108	Anadromous fish life history/survival Evaluate the distribution and relationship of resident and anadromous life history of rainbow trout/steelhead in the Central Valley										
71	1995-2005	Clear Creek							Clear Creek	1, p.3-Xb-2; 2, p.3-Xb-2; 3, p.3-Xb-2; 4, p.3-Xb-2; 5, p.3-Xb-2; 6, p.3-Xb-2	1, p.41; 2, p.42; 3, p.42; 4, p.42; 5, p.42; 6, p.43	1, p.43	6	6	0%	7	7 (6,1)	0%
72	1995-2005	Colusa Basin Drain							Colusa Basin Drain	3 LF described, but no actions listed	1, p.68	1, p.68	N/A	N/A	N/A	2	2 (1,1)	0%
73	1998	Cosumnes River	1, p.3-Xc-80	C	11332-8-J114		1, p.83	Hydrological modeling/monitoring Develop a hydrologic model for the Cosumnes River	Cosumnes River	3, p.3-Xc-80; 4, p.3-Xc-80	1, p.82; 2, p.82; 3, p.82; 4, p.82; 5, p.82; 6, p.82	Complete	2	4	50%	6	9 (6,3)	33%
74	1999	Cosumnes River	Superceded by needs of the AFRP	C	11332-9-J013		3, p.83	Anadromous fish life history/survival Assess Chinook salmon and steelhead distribution, habitat use, and food habits within the Cosumnes River Preserve floodplain										
75	2000	Cosumnes River	Superceded by needs of the AFRP	C	11332-0-G024		3, p.83	Anadromous fish life history/survival Continue to assess Chinook salmon and steelhead distribution, habitat use, and food habits within the Cosumnes River Preserve floodplain										
76	2000	Cosumnes River	2, p.3-Xc-80	O	11332-0-J019		2, p.83	Fish passage Improve fish passage on the Cosumnes River										
77	2003	Cosumnes River	1, p.3-Xc-80	O	11332-3-J008		2, p.83	Fish passage Compare water supply/resource on Cosumnes River with what is required for successful fish passage										
78	1995-2005	Cottonwood Creek							Cottonwood Creek	1, p.3-Xb-17; 2, p.3-Xb-17; 3, p.3-Xb-17	1, p.45; 2, p.45; 3, p.45; 4, p.45; 5, p.45	N/A	3	3	0%	5	5 (5,0)	0%

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
79	1998	Cow Creek	Superseded by needs of the AFRP	C	11330-8-G096	Superseded by needs of the AFRP		Anadromous fish monitoring Collect baseline water quality information on Cow Creek	Cow Creek	1, p.3-Xb-11; 2, p.3-Xb-11; 3, p.3-Xb-11; 4, p.3-Xb-11; 5, p.3-Xb-12; 6, p.3-Xb-12	1, p.43; 2, p.44; 3, p.44; 4, p.44	N/A	6	6	0%	4	4 (4,0)	0%
80	2003	Cow Creek	Superseded by needs of the AFRP	O	11330-3-J001	Superseded by needs of the AFRP		Watershed planning Cow Creek Watershed Management Plan										
81	1996	Deer Creek	2, p.3-Xb-50	C	11332-6-0192	2, p.56		Watershed planning Deer Creek- Continue development of a comprehensive Deer Creek watershed management strategy	Deer Creek	1, p.3-Xb-50; 3, p.3-Xb-51; 4, p.3-Xb-51; 5, p.3-Xb-51	1, p.56; 3, p.56	N/A	4	5	20%	2	5 (5,0)	60%
82	1997	Deer Creek	2, p.3-Xb-50	C	11332-7-J158	2, p.56		Water Quality Deer Creek- Implement a water quality monitoring program for Mill and Deer Creeks										
83	1997	Deer Creek	2, p.3-Xb-50	C	11332-7-G190	4, p.56		Riparian acquisition and restoration Deer Creek riparian easement acquisition, 2.5 miles of riparian corridor										
84	1998	Deer Creek	2, p.3-Xb-50	C	11332-8-G014	4, p.56		Riparian acquisition and restoration To purchase the cons. easements on L&L Cattle Co. and that of J. Gaumer										
85	2000	Deer Creek	2, p.3-Xb-50	C	11332-0-G016	4, p.56		Watershed planning Protect riparian habitat on the Leininger property on Deer Creek										
86	2000	Deer Creek	2, p.3-Xb-50	C	11332-0-J013	5, p.56		Watershed planning Provide preliminary engineering and environmental documents for several erosion control projects in the upper Deer Creek watershed										
87	1995-2005	Elder Creek							Elder Creek	1, p.3-Xb-36; 2, p.3-Xb-37	1, p.51	1, p.51	2	2	0%	2	2 (1,1)	0%
88	1995-2005	Feather River							Feather River	1, p.3-Xc-3; 2, p.3-Xc-4; 3, p.3-Xc-4; 4, p.3-Xc-4; 5, p.3-Xc-4; 6, p.3-Xc-5	1, p.69; 2, p.69; 3, p.69	1, p.70; 2, p.70; 3, p.70; 4, p.70; 6, p.70; 7, p.70; 8, p.71; 9, p.71	6	6	0%	11	12 (3,9)	8%
89	1998	Merced River	4, p.3-Xd-7	C	11332-8-J111	3, p.85		Watershed planning Merced River corridor stakeholder group and TAC development	Merced River	1, p.3-Xd-5; 3, p.3-Xd-6; 5, p.3-Xd-6; 8, p.3-Xd-7; 10, p.3-Xd-7; 11, p.3-Xd-8; 12, p.3-Xd-8	1, p.85; 2, p.85; 4, p.86; 5, p.86	3, p.86	7	12	42%	4	8 (5,3)	50%
90	1999	Merced River	4, p.3-Xd-7	C	11332-9-J031	3, p.85		Watershed planning Assist development of locally-led restoration planning efforts										
91	1999	Merced River	9, p.3-Xd-8	C	11332-9-J023	3, p.85	2, p.82	Predator-mine pit isolation Restore in-channel habitat at the Ratzlaff Segment of the Mining Reach										
92	1999	Merced River	6, p.3-Xd-7	C	11332-9-M075	3, p.85		Watershed planning Evaluate aggregate material source and availability on the Tuolumne and Merced rivers and provide an estimate of material required to fill and restore a series of in-channel mining pits in both river systems										
93	1999	Merced River	9, p.3-Xd-8	C	11332-9-J024	3, p.85	2, p.82	Predator-mine pit isolation Enhance salmon habitat at the Lower Western Stone segment of the Mining Reach										
94	2000	Merced River	4, p.3-Xd-7	C	OFT	3, p.85		Restore fluvial geomorphic features Federal environmental permits and NEPA documentation for the Robinson Reach of the Merced River Salmon Habitat Enhancement Project										
95	2000	Merced River	6, p.3-Xd-7	C	11332-0-J027	3, p.85	Superseded by needs of the AFRP	Replenish gravel supply Monitor potential benefits of use of spawning-sized gravel for irrigation diver wing-dam construction										
96	2000	Merced River	4, p.3-Xd-7	O	OFT	3, p.85	Superseded by needs of the AFRP	Restore fluvial geomorphic features Evaluate use of PHABSIM/2D modeling of spawning and rearing habitat to assess benefits of channel restoration on the Merced River										
97	2001	Merced River	2, p.3-Xd-6	C	10181-1-Y144		1, p.82	Water Quality Merced River Temperature Management Feasibility Study										
98	2002	Merced River	7, p.3-Xd-7	O	10181-2-M405		Superseded by needs of the AFRP	Passage- A Feasibility Investigation of Reintroduction of Anadromous Salmonids Above Crocker-Huffman Dam on the Merced River										
99	2003	Merced River	4, p.3-Xd-7	O	11332-3-J010	3, p.85	Superseded by needs of the AFRP	Restore fluvial geomorphic features Assess the spawning habitat on the Robinson Reach on the Merced River										
100	2003	Merced River	6, p.3-Xd-7	C	10181-3M326	3, p.85	2, p.86	Riparian acquisition and restoration Feasibility study and report for restoration work on the Merced River										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
101	1997	Mill Creek	5, p.3-Xb-39	C	11332-6-0188	4, p.53		Riparian acquisition and restoration Continue to restore degraded riparian habitat on sections of lower Mill Creek	Mill Creek	1, p.3-Xb-38; 2, p.3-Xb-39; 4, p.3-Xb-39	1, p.52; 3, p.52	1, p.53	3	5	40%	3	5 (4,1)	40%
102	1998	Mill Creek	3, p.3-Xb-39	C	11332-8-J201A	2, p.52		Geomorphology Study the fluvial geomorphology of Mill Creek										
103	1998	Mill Creek	3, p.3-Xb-39	C	11332-8-G124	4, p.53		Riparian acquisition and restoration Acquire a riparian easement on the Birkes property										
104	1998	Mill Creek	3, p.3-Xb-39	C	11332-8-G101	4, p.53		Riparian acquisition and restoration Acquire a riparian easement on the Dana property										
105	1998	Mill Creek	3, p.3-Xb-39	C	11332-8-G123	4, p.53		Riparian acquisition and restoration Acquire a riparian easement on the Latimer property along Mill Creek										
106	2005	Mill Creek	Superceded by needs of the AFRP	O	81330-5-G354	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Anadromous fish monitoring Pilot hydroacoustic study to determine spring Chinook escapement										
107	1995-2005	Miscellaneous Stream Tributaries							Miscellaneous Stream Tributaries	2, p.3-Xb-115; 3, p.3-Xb-115; 4, p.3-Xb-115; 5, p.3-Xb-115; 6, p.3-Xb-115	N/A	1, p.69	5	6	17%	1	1 (0,1)	0%
108	1998	Mokelumne River	2, p.3-Xc-61	C	11332-8-J102	2, p.80; 3, p.80		Gravel restoration Replenish and cleanse gravel in areas of the Mokelumne River suitable for salmonid spawning	Mokelumne River	1, p.3-Xc-61; 3, p.3-Xc-61; 4, p.3-Xc-61; 5, p.3-Xc-62; 6, p.3-Xc-62; 7, p.3-Xc-62; 8, p.3-Xc-63; 11, p.3-Xc-64; 12, p.3-Xc-64	1, p.80; 4, p.80; 5, p.80; 6, p.80; 9, p.81	1, p.81; 2, p.81; 3, p.81; 4, p.81	9	12	25%	9	13 (9,4)	31%
109	1999	Mokelumne River	2, p.3-Xc-61	C	11332-9-J014	2, p.80		Gravel restoration Evaluate spawning gravel in the Mokelumne River (Gravel Enhancement)										
110	2000	Mokelumne River	9, p.3-Xc-63	O	11332-0-G023	7, p.81		Riparian acquisition and restoration Protect 23 acres of riparian habitat and reduce streambank erosion 1.5 miles downstream of Camanche Dam on the south side of the Mokelumne River and restore Murphy Creek										
111	2002	Mokelumne River	2, p.3-Xc-61	C	11332-3-A004	2, p.80		Gravel restoration Gravel modeling on the Mokelumne River										
112	2002	Mokelumne River	10, p.3-Xc-63	C	11332-2-M041	8, p.81		Water quality -Monitor baseline sediment conditions in Murphy Creek prior to the removal of a small dam later in 2002										
113	2002	Mokelumne River	2, p.3-Xc-61	O	11332-2-G003	2, p.80		Gravel restoration Test Interdisciplinary approach via gravel augmentation										
114	2003	Mokelumne River	2, p.3-Xc-61	O	11332-3-J007	2, p.80		Gravel restoration -Mokelumne River Spawning Habitat Improvement Project										
115	1995-2005	Ocean							Ocean	N/A	N/A	1, p.109; 2, p.109; 3, p.110	N/A	N/A	N/A	3	3 (0,3)	0%
116	1995-2005	Paynes Creek							Paynes Creek	1, p.3-Xb-32; 2, p.3-Xb-32	1, p.50; 2, p.50	N/A	2	2	0%	2	2 (2,0)	0%
117	1996	Upper Mainstem Sacramento River	1, p.3-Xb-115 (Misc. Small Tribs)	C	11332-6-0191		11, p.109 (CV-Wide)	Anadromous fish life history/survival Misc. Small Streams- Evaluate intermittent east and west side tributaries to the upper mainstem Sacramento River as rearing habitat for juvenile Chinook salmon										
118	1996	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11332-6-0205	9, p.38	1, p.39; 5, p.40	Riparian acquisition and restoration Sacramento River Basin- Pine Creek Orchards property restoration										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
119	1997	Upper Mainstem Sacramento River	Superseded by needs of the AFRP	C	11330-7-J024B	11, p.38	1, p.39; 5, p.40	Riparian acquisition and restorationSmall tributary restoration projects (Western Shasta Resource Conservation District)	Upper Mainstem Sacramento River	3, p.3-Xa-12; 4, p.3-Xa-12	5, p.36; 6, p.37; 7, p.37; 8, p.37; 10, p.38	2, p.39; 3, p.39; 4, p.39; 7, p.40	2	6	67%	9	22 (11,11)	59%
120	1997	Upper Mainstem Sacramento River	5, p.3-Xa-13	C	OFT		1, p.39	Anadromous fish monitoringTag late-fall-run Chinook salmon for studies in the Sacramento River										
121	1997	Upper Mainstem Sacramento River	5, p.3-Xa-13	C	OFT		1, p.39; 2, p.108 (CV-Wide)	Anadromous fish monitoringUpper Sacramento River wild fish (Chinook salmon) tagging										
122	1997	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11332-7-G159		5, p.40	Riparian acquisition and restorationSacramento River Basin- Hartley Island riparian property acquisition										
123	1997	Upper Mainstem Sacramento River	5, p.3-Xa-13	C	11330-7-J045 11330-7-J194 11330-7-J090		4, p.108 (CV-Wide)	Anadromous fish life history/survival-Sacramento River Genetic maintenance of Hatchery & Natural origin winter-run Chinook salmon										
124	1997	Upper Mainstem Sacramento River	Superseded by needs of the AFRP	C	11332-7-J133	4, p.107 (CV-Wide)		Watershed planning Upper Sacramento River- Increased law enforcement to enhance protection of anadromous fish and habitat										
125	2000	Upper Mainstem Sacramento River	1, p.3-Xa-12; 2, p.3-Xa-12	C	11330-0-J079	1, p.35; 2, p.36; 3, p.36; 4, p.36		Anadromous fish monitoringWinter Chinook mainstem Sacramento River Carcass Survey										
126	2003	Upper Mainstem Sacramento River	6, p.3-Xa-13	O	OFT	9, p.38		Watershed planning Engineering and Environmental documentation for Sacramento River riparian restoration . La Barranta Unit of the Sacramento River National Wildlife Refuge										
127	1997	Upper Mainstem Sacramento River	5, p.3-Xa-13	C	OFT		3, p.108 (CV-Wide)	Anadromous fish life history/survivalEvaluate survival, distribution and contribution of fall-run production from the upper mainstem Sacramento River and Coleman National Fish Hatchery during April and May 1997										
128	1997	Upper Mainstem Sacramento River	1, p.3-Xg-3; 2, p.3-Xg-3; 3, p.3-Xg-4 (American Shad)	C	OFT		8, p.40	Anadromous fish monitoringConduct juvenile American shad monitoring in the Delta										
129	1998	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11332-8-G117	9, p.38	1, p.39; 5, p.40	Riparian acquisition and restorationLand acquisition assessment of Chicory Bend										
130	1998	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	OFT	9, p.38	1, p.39; 5, p.40	Riparian acquisition and restorationSacramento River Basin- Acquire a riparian easement on Millar Farms Inc., Glenn County										
131	1998	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11332-8-G100	9, p.38		Watershed planning Upper Sacramento River: Study effects of public ownership of meander belt properties on property tax income in Glenn County										
132	1999	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11332-9-G018	9, p.38		Watershed planning Upper Mainstem Sacramento River- Study effects of public ownership of meander-belt properties on property tax income										
133	2000	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11620-0-J331	9, p.38	1, p.39; 5, p.40	Riparian acquisition and restorationStudy the feasibility of restoring floodplain and riparian processes at the La Barranta Unit of the Sacramento River National Wildlife Refuge on the Sacramento River										
134	2000	Upper Mainstem Sacramento River	6, p.3-Xa-13	C	11332-0-J015		11, p.109 (CV-Wide)	Watershed planning Upper Mainstream Sacramento River- Provide support to the newly established Sacramento River conservation Association										
135	1997	Sacramento-San Joaquin Delta	1b, p.3-Xe-7	C	OFT	5, p.100	3, p.105	Anadromous fish life history/survivalEvaluate survival of coded-wire tagged fall-run Chinook salmon juveniles in the Delta during April and May 1997	Sacramento-San Joaquin Delta	1a, p.3-Xe-7; 1c, p.3-Xe-7; 1d, p.3-Xe-7; 2, p.3-Xe-8; 3, p.3-Xe-8; 4, p.3-Xe-9; 5a, p.3-Xe-9; 5b, p.3-Xe-9; 5c, p.3-Xe-9; 6, p.3-Xe-9; 7a, p.3-Xe-7; 7b, p.3-Xe-7; 7c, p.3-Xe-7	"Operational Target" 1, p.99; 2, p.100; 3, p.100; 4, p.100 "Supplemental Action Requiring Water" 6, p.101; 7, p.101; 8, p.102; 9, p.102; 10, p.103; 11, p.103; 12, p.103; 13, p.103; 14, p.103 "Supplemental Action Not Requiring Water" 15, p.104; 16, p.104	1, p.104; 2, p.105; 5, p.105; 6, p.105; 7, p.106; 8, p.106; 9, p.106; 10, p.106; 11, p.106; 12, p.106; 13, p.106	13	14	7%	26	29 (16,13)	10%
136	1997	Sacramento-San Joaquin Delta	1b, p.3-Xe-7	C	OFT	5, p.100	3, p.105	Anadromous fish life history/survivalEvaluate survival of coded-wire tagged late-fall-run Chinook salmon juveniles in the Delta during December 1996-97										
137	1999	Sacramento-San Joaquin Delta	Superseded by needs of the AFRP	O	11332-9-J026	Superseded by needs of the AFRP	Superseded by needs of the AFRP	Gravel restoration Update and validate the spawning riffle atlas for the San Joaquin tributaries										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
159	1995-2005	Stoney Creek							Stoney Creek	1, p.3-Xb-56; 2, p.3-Xb-56; 3, p.3-Xb-56; 4, p.3-Xb-57; 5, p.3-Xb-57; 6, p.3-Xb-57; 7, p.3-Xb-57; 8, p.3-Xb-57	N/A	1, p.57	8	8	0%	1	1 (0,1)	0%
160	1995-2005	Thomes Creek							Thomes Creek	1, p.3-Xb-44; 2, p.3-Xb-44; 3, p.3-Xb-44; 4, p.3-Xb-44	1, p.54; 2, p.54; 3, p.54; 4, p.55	1, p.55; 2, p.55	4	4	0%	6	6 (4,2)	0%
161	1996	Tuolumne River	4, p.3-Xd-19	C	11332-6-0189	2, p.87		Watershed planning Lower Tuolumne River restoration plan scoping and proposed workplan	Tuolumne River	3, p.3-Xd-19; 7, p.3-Xd-20; 8, p.3-Xd-20; 10, p.3-Xd-20; 11, p.3-Xd-21	1, p.87; 3, p.88; 4, p.88; 5, p.88; 6, p.88	3, p.89	5	11	55%	6	10 (6,4)	40%
162	1997	Tuolumne River	2, p.3-Xd-19; 4, p.3-Xd-19; 5, p.3-Xd-20; 6, p.3-Xd-20	C	11332-7-J189	2, p.87		Restore fluvial geomorphic featuresRestore the 7/11 Segment of the Mining Reach Project #1										
163	1997	Tuolumne River	9, p.3-Xd-20	C	11332-7-J188	2, p.87	2, p.88	Predator-mine pit isolationChannel Restoration; Special Run Pools 9 and 10										
164	1998	Tuolumne River	2, p.3-Xd-19	C	11332-8-G121	2, p.87		Riparian restoration/water temperatures Acquire a riparian easement and restore Grayson River Ranch										
165	1998	Tuolumne River	4, p.3-Xd-19	C	11332-8-G109	2, p.87		Adaptive management Assist with the peer review process for Tuolumne River Technical Advisory Committee supported monitoring efforts										
166	1999	Tuolumne River	Superseded by needs of the AFRP	O	11332-9-J026	Superseded by needs of the AFRP		Watershed planning Update and validate the spawning riffle atlas for the San Joaquin tributaries										
167	1999	Tuolumne River	4, p.3-Xd-19	C	11332-9-J009	2, p.87		Watershed planning Assist with technical outreach for the Tuolumne River Technical Advisory Committee										
168	1999	Tuolumne River	1, p.3-Xd-18	C	11332-9-M051		1, p.88	Instream flows- CWT and multiple mark/recapture smolt survival power analysis										
169	1999	Tuolumne River	2, p.3-Xd-19; 4, p.3-Xd-19; 5, p.3-Xd-20; 6, p.3-Xd-20	O	11332-9-J025	2, p.87		Restore fluvial geomorphic featuresMJ Ruddy Segment of the Mining Reach Project #2										
170	2000	Tuolumne River	9, p.3-Xd-20	C	(BOR-FWS Interagency Agreement # 99AA200226), 11332-0-J018		2, p.88	Predator-mine pit isolationSpecial Run-Pool 10 dike repair and pre-project monitoring										
171	2000	Tuolumne River	5, p.3-Xd-19	C	11332-0-J017	2, p.87		Watershed planning Tuolumne River Course Sediment Management Plan										
172	2000	Tuolumne River	4, p.3-Xd-19	C	11332-1-J001	2, p.87		Watershed education Watershed Outreach and Stewardship Proposal										
173	2000	Tuolumne River	6, p.3-Xd-20	C	11332-0-J029	2, p.87		Replenish gravel supplyEnhance salmon and steelhead/rainbow trout spawning habitat by adding gravel to three riffles below the Old LaGrange Bridge										
174	2001	Tuolumne River	2, p.3-Xd-19; 4, p.3-Xd-19; 5, p.3-Xd-20; 6, p.3-Xd-20	O	11332-1-G004	2, p.87		Restore fluvial geomorphic featuresWarner-Deardorff Segment Project #3										
175	2003	Tuolumne River	1, p.3-Xd-18	O	10181-3-M422		4, p.89	Instream flows- Upmigration of salmonids on the Tuolumne in response to fall attraction flows and environmental factors										
176	2004	Tuolumne River	2, p.3-Xd-19; 4, p.3-Xd-19; 5, p.3-Xd-20; 6, p.3-Xd-20	C	11332-4-N002	2, p.87		Restore fluvial geomorphic featuresMJ Ruddy property mineral appraisal										
177	1996	Yuba River	4, p.3-Xc-13	C	11332-6-0190	7, p.72		Fish passage Daguerre Point Dam Fish Ladder Modification, Diversion Improvements: Feasibility Study and Preliminary Environmental Analysis										
178	1998	Yuba River	3, p.3-Xc-12	C	11332-8-J106	5, p.72		Hydrological modeling/monitoringPreliminary Engineering for Yuba Goldfields Outflow Barrier										
179	1998	Yuba River	2, p.3-Xc-12	C	11332-8-M245		3, p.73	Water Quality Water Temperature Model										
180	1999	Yuba River	4, p.3-Xc-13	C	11332-9-G008		4, p.73	Watershed education Facilitate three public meetings to gain agreement on the initial components of a study plan to evaluate the feasibility of restoring anadromous fish runs above Englebright Dam on the Yuba River										
181	1999	Yuba River	3, p.3-Xc-12	C	11332-9-J029	5, p.72; 6, p.72		Fish passage Develop Fish Screen and Diversion Bypass Feasibility Alternatives at Hallwood-Cordua Irrigation Headworks										

